

**STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)**

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast

Observer(s): Powell

River System: Sol Duc

Date: 8/28/97

Site Identifier: S-0353

WRIA: 20.0353

River Mile Location: 54 (WRIA 53.8 is wrong)

RB/LB: RB

Local Name: Unnamed

Trib. to: Sol Duc (20.0096)

Legal Description: SW¼ Sec 35 T30N R10W

County: Clallam

Habitat Type: Upper valley wall tributary

Landowner: (X) Federal () State () County () Other Government () Private
- Olympic National Park

Directions to site:

Starting at Forks (Tillicum Park) drive north on Highway 101 for 24.4 miles to F.S. 2918 and take a right on this road. Follow this road for 2.95 mi and pull off to the left before crossing the bridge. The Sol Duc Hot Springs Road will be parallel at this point. Walk up the up Hot Springs Road ~0.75 miles and the channel upstream of the road crossing will be the first moderate gradient one encountered in this stretch. This channel is ~0.25 miles from where rock is sloughing onto the road from a barren, rocky hill slope (there are concrete barriers which narrow the road in this section).

Site Overview:

This small - moderate sized channel sources in a moderate to steep gradient, old growth forest. This channel experiences high, flushing flows and has a reach of boulder/cascades near its egress. This stream is more characteristically a cutthroat stream and it is doubtful that coho could utilize it.

Habitat Information:

Water source: Surface runoff, road runoff, and possibly tributaries

Intermittent/year-around:

- Year around

Estimated flows (cfs): 0.5

Water temperatures: Did not take

Adjacent stream temperature: Did not take (20.0096)

Other water observations: Water is clear

Site area measurements: () Indirect (X) Direct () Combination

Widths: Channel- 1.0 m - 1.5 m Ponds- NA Wetlands- NA

Depths: Channel- 5 cm - 15 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 75 m (trout habitat above end point)

Total existing habitat area (est.): 95+ m²

Spawning area: 0

Impounded area: 0

Other rearing area: 95 m²

Spawning Habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

- The spawning habitat is limited to patches of gravel which are mainly found upstream of the Hot Springs Road.
- The lower reach (downstream of road) is mostly rock and boulder.
- This system appears to experience high, flushing flows.

Rearing habitat conditions: ☒ None ☐ Poor ☐ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat:

- This is channel experiences flushing flows.
- The channel has cover of some LOD, overhang and brush, and a canopy of mostly old growth conifer and vine maple.
- The lower reach (downstream of road) is a steep, step profile with boulder/cascades.
- The reach upstream of the road is moderate in gradient and appears to be conducive to resident trout.

Describe inaccessible habitat:

Describe wetland: ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

Flooding potential: ☒ Low ☐ Medium ☐ High

Fish Information:

Site entry condition to (Sol Duc River 20.0096): ☒ Poor ☐ Fair ☐ Good

Coho access and use:

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

- It is doubtful that this channel is utilized by coho juveniles due to boulder/cascades near egress.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- A couple trout fry were observed downstream of the road culvert.

Habitat Improvements:

Enhancement opportunities:

- Maintain integrity of system.
- Improve/replace culvert. There is ~8 inch plunge onto boulders from the culvert.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

☒ Aerials

☒ Sketch

☒ Maps

☐ Culvert Report

☐ Other references

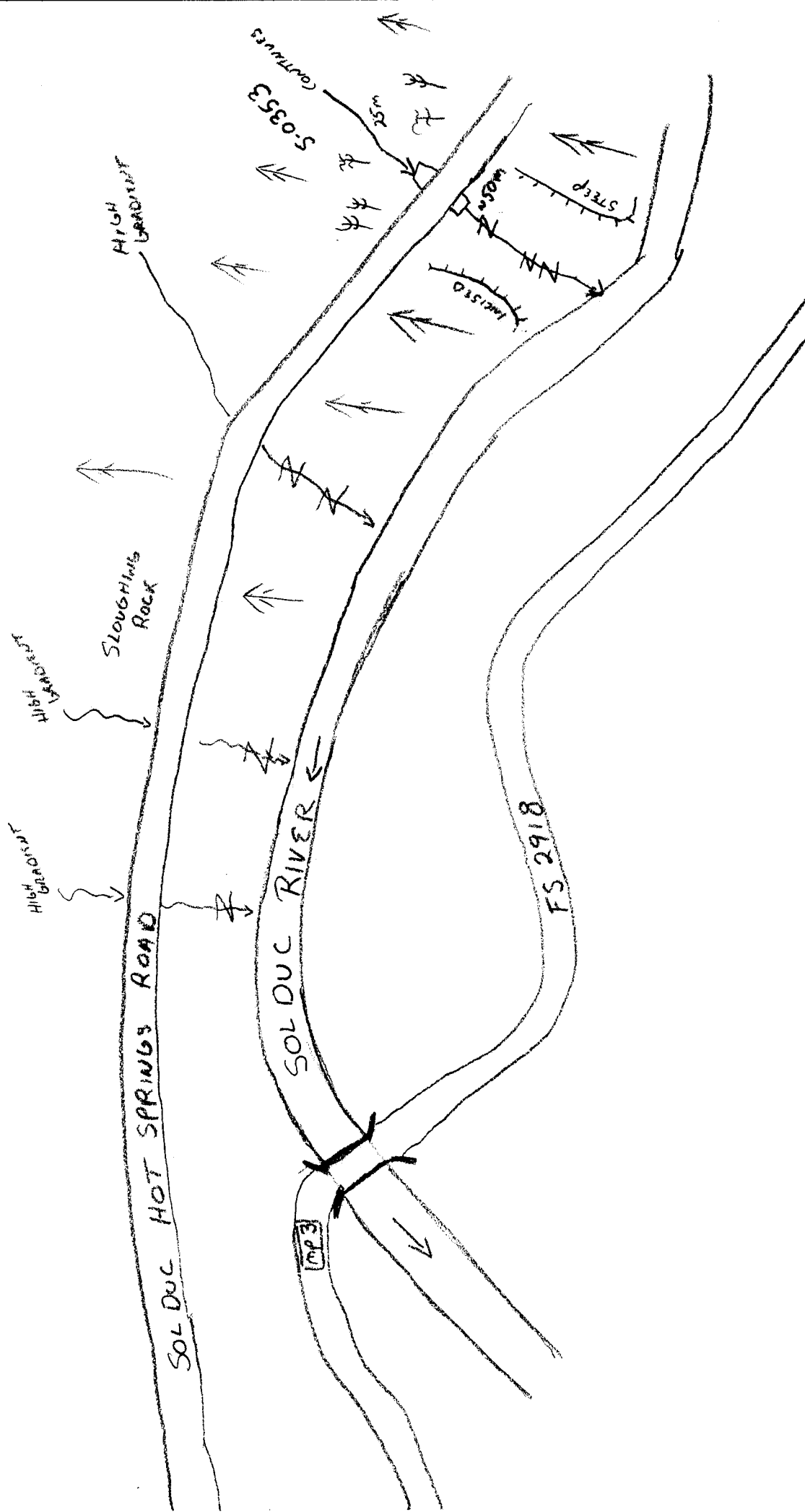
☐ Spawning surveys

☐ Juvenile trapping

☐ Fishway Report

AREA: S-R8
SITES: S-0353
WRIA: 20.0353
NAMES: Unnamed

DATE: 8/97



RIVER: SOL DUC

AREA: S-R8

AREA MAP

DATE: Spring/97

